



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 4362

Bib Data Sheet

SERIAL NUMBER 10/618,172	FILING DATE 07/10/2003 RULE	CLASS 385	GROUP ART UNIT 2874	ATTORNEY DOCKET NO. 10003867-3
-----------------------------	---------------------------------------	--------------	------------------------	-----------------------------------

APPLICANTS

Xiao-An Zhang, Sunnyvale, CA;
 R. Stanley Williams, Redwood city, CA;
 Kent D. Vincent, Cupertino, CA;

** CONTINUING DATA *****

This application is a DIV of 10/187,720 07/01/2002 PAT 6,701,035 *JTR*
 which is a CIP of 09/844,862 04/27/2001 PAT 6,763,158 *JTR*
 which is a CIP of 09/823,195 03/29/2001 *JTR*
 which is a CIP of 09/759,438 01/12/2001 PAT 6,512,119 *JTR*
 which is a CIP of 09/738,793 12/14/2000 PAT 6,663,797 *JTR*
 and said 10/187,720 07/01/2002 *JTR*
 is a CIP of 09/846,135 04/30/2001 PAT 6,674,932 *JTR*
 which is a CIP of 09/823,195 03/29/2001 *JTR*
 and said 09/759,438 01/12/2001 *JTR*
 is a CIP of 09/738,793 12/14/2000 PAT 6,663,797 *JTR*

** FOREIGN APPLICATIONS *****

NONE JTR

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 10/09/2003

Foreign Priority claimed	STATE OR COUNTRY	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	CA	DRAWING 2	CLAIMS 7	CLAIMS 1
Verified and Acknowledged <i>[Signature]</i> <i>JTR</i> Examiner's Signature <i>JTR</i> Initials				

ADDRESS

HEWLETT-PACKARD COMPANY
 Intellectual Property Administration
 P.O. Box 272400
 Fort Collins , CO
 80527-2400

TITLE

Electric-field actuated chromogenic materials based on molecules with a rotating middle segment for applications in photonic